

**Amendments to the Claims**

This listing of claims will replace all prior versions and listings of claims in the application.

**Listing of Claims:**

**Claims 1-10 (Canceled)**

**Claim 11 (Currently Amended):** A system for fixation of fractures comprising a polyethylene chassis and one or more one-piece fixation elements in the form of screws and/or pins which are adapted to be received in a bone structure, wherein each fixation element is also received in the polyethylene chassis and wherein the polyethylene chassis is made of UHMWPE (ultra high molecular weight polyethylene) which has an elasticity giving a locking effect by friction on the fixation elements in such a way that said fixation elements are frictionally engaged by said UHMWPE chassis as said fixation elements are received by said UHMWPE chassis and thereby are capable of being locked by friction regarding movement in axial, rotational and angular directions as said fixation elements are received by said UHMWPE chassis, said UHMWPE chassis being spaced from said bone structure when said fixation elements are frictionally engaged by said chassis.

**Claims 12-14 (Canceled)**

**Claim 15 (Previously Presented):** The system of claim 11, wherein the screws of the fixation elements are screwed into the chassis and bone structure in such a way that the screws move equidistantly in the chassis and the bone structure.

**Claim 16 (Previously Presented):** The system of claim 15, wherein the system is fixed in a force neutral form.

**Claim 17 (Previously Presented):** The system of claim 16, wherein no axial forces are transferred to the screws or pins after fixation.

**Claim 18 (Previously Presented):** The system of claim 11, wherein the chassis is received in a rigid bracing.

**Claim 19 (Previously Presented):** The system of claim 18, wherein the bracing is made of steel.

**Claim 20 (Previously Presented):** The system of claim 18, wherein the chassis is made of two parts received displaceable in an axial direction in relation to each other in the bracing and that a gap is formed between the two chassis parts.

**Claim 21 (Previously Presented):** The system of claim 11, wherein the chassis is placed at a distance from and not in contact with the underlying bone structure or skin.

**Claim 22 (Previously Presented):** The system of claim 11, wherein the chassis is fixed to both sides of a fractured area whereby a bridge span is formed between bone fragments of the bone structure.

**Claims 23-32 (Canceled)**

**Claim 33 (New):** The system of claim 11, wherein each fixation element comprises a pin having a first diameter, said UHMWPE chassis having a hole for receiving each pin, each of said holes having a second diameter that is smaller than the first diameter such that the fixation elements are frictionally engaged by said UHMWPE chassis as said fixation elements are received by said UHMWPE chassis.

**Claim 34 (New):** The system of claim 11, wherein each fixation element comprises a screw, said UHMWPE chassis having a first condition free of holes and a second condition in which each fixation element extends through a hole in the chassis UHMWPE formed by said fixation element such that said fixation elements are frictionally engaged by said UHMWPE chassis as said fixation elements are received by said UHMWPE chassis.

**Claim 35 (New):** The system of claim 11, wherein each of said fixation elements has a first end that engages said bone structure and a second end that is spaced from said bone structure, said UHMWPE chassis being positioned between

said first end and said second end and being spaced from said first end when said fixation elements are frictionally engaged with said UHMWPE chassis.